



garland  
cables

pro series

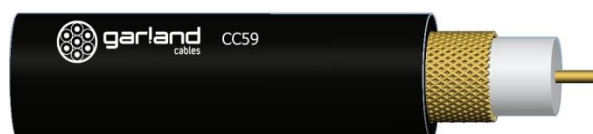
Industrial / Power / Data / Security / Fibre

Garland's Pro Series range is the experts' choice for high quality cables.

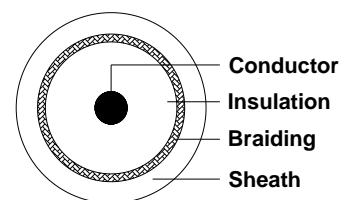
## Part No: CC59

Description	23AWG PACW, Solid Dielectric, 84% PACW Braiding, PVC Sheath.
Applicable Standards	UL 758
Suitable Applications	For signal control & communication system.

### Cable Construction Drawing



### Cable Construction Relative Parts



Coaxial Cable

### Cable Description

Conductor	AWG	Standing	Area(mm <sup>2</sup> )	Diameter(mm)	Material
	23	1/0.6	0.29	0.6	PACW
Insulation	Material : Solid PE Nominal Thickness (mm) : 1.5 Nominal OD (mm) : 3.7				
Braiding	Material : PACW                      Coverage : 84%				
Sheath	Material : PVC Colour : Black (RAL 9004) Nominal Thickness (mm) : 0.9 Nominal OD (mm) : 6.2				

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### Physical Characteristics

Insulation :

Elongation at Break Before Aging >300%

Sheath :

Elongation at Break Before Aging >100%

Tensile Strength Before Aging >12MPa

### Electrical Properties

Max. Conductor DC Resistance @ 20°C 62Ω/km

Nom. Capac. Conductor. to Shield @ 1 KHz 67±2pF/m

Characteristic Impedance 75±3Ω

Min. Insulation resistance 1,000 MΩ.km

Voltage Test: Conductor to shield 500V/1min

Voltage Test: Core to sheath 3.0kV ac/1min

Voltage Test: Shield to sheath 3.0kV ac/1min

Max. Attenuation (dB /100m)	(MHz)	1	10	50	100	200	400	700	900	1000
(dB)		2.0	3.7	8.3	11.5	16.5	23.7	32.5	37.2	40.2

### Mechanical Properties

Operating Temperature Range -15 to 70°C

Max. Recommended Pulling Tension 107N

Min. Bend Radius (install) 62mm

Approximate Mass 5.5kg/100m

Sheath Printing GARLAND CC59 RG59B/U 75 OHM AWM STYLE 1354 (meter marking)

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#### Supply Information

Pack Size	Pack Type	Dimensions	Qty Per Carton	Cartons Per Pallet
100m	Plastic Reel	10 x 4.5 x 5"	4R	
300m	Reel Box	17.5 x 17.5 x 8.25"	1Box	
500m	Wooden Reel	W39x 21.8cm	1R	

- Madison reserves the right to make changes to the products described in this specification without prior notice
- All values subject to factory tolerances

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